



#12c 4/19/01  
Bray

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eric REYNOLDS  
Title: CALCIUM PHOSPHOPEPTIDE  
COMPLEXES

Appl. No.: 09/380,738

Filing Date: 12/06/1999

Examiner: D. Lukton

Art Unit: 1653

AMENDMENT AND REPLY  
UNDER 37 CFR §1.111

Commissioner for Patents  
Washington, D.C. 20231

Sir:

This is a response to an Office Action mailed on November 2, 2000. By virtue of a petition and payment accompanying this paper, the deadline for response is April 2, 2000. In relation to the above-captioned application, please effect the following revisions, based on which reconsideration of the application is requested:

IN THE SPECIFICATION

On page 2, delete the 2<sup>nd</sup> paragraph, and replace this paragraph with the following in accordance with 37 CFR §1.121. A marked up version showing changes is attached:

*Sub  
C1021*

Preliminary investigations determined that tryptic casein phosphopeptides contributed to the anticariogenic activity and this was made subject of US Patent No. 5,015,628. In particular, peptides Bos  $\alpha_{s1}$ -casein X-5P (f59-79) (SEQ ID NO: 1), Bos  $\beta$ -casein X-4P (f1-25) (SEQ ID NO: 2), Bos  $\alpha_{s2}$ -casein X-4P (f46-70) (SEQ ID NO: 3) and Bos  $\alpha_{s2}$ -casein X-4P (f1-21) (SEQ ID NO: 4) were disclosed in US Patent 5,015,628 as follows: